

ABSTRACT

A method and system for efficiently transporting digital files over a peer-to-peer network is disclosed, where the network includes at least one server node and multiple client nodes. According to the method and system when a digital file is to be transferred over the network from a sending node to a receiving node, other nodes are allowed to submit bids to transport the file over the network for a particular price. The node with the lowest bid is then allowed to transport the file to the receiving node, thereby optimizing network traffic based on economics.

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